

Ajmal Ali
Director Ali Brothers Industry Lahore.

Test Performed By: Dr. /Engr. Asad Ali Gillani

Client Reference: Nil

SOM Lab Ref: 1759 (P-1/1)

Dated: 10-09-2025

Dated: 12-09-2025

Test: Tension Test

Test Specification: ASTM-A-615

Guage Length: 200 mm

Sample Type: Deformed Bar

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	2.400	22	19.74	387	306	175.70	208.00	454	575	537	680	30.0	200	15.0	
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BEND TEST:

22mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Two Samples Received and Tested

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Test Performed by: Dr.Asad Ali Gillani

Ajmal Ali
Director
Ali Brothers Industry Lahore.

Client Ref.No.: Nil

SOM Lab Ref: CED/SOM/1760 (Page 1/1)

Test Type: Tensile Test

516

Sample Type: MS Strip

Dated: 10-09-2025

Dated: 12-09-2025

Specification: ASTM A-

Gauge Length: 8 inches

Tensile Test Results

Sr. No.	Sample Type	Size of strip (mm)	X Section Area (mm ²)	Yield Load (kN)	Ultimate Load (kN)	Yield Stress (MPa)	Ultimate Tensile Stress (MPa)	Elongation (inch)	% Elongation
1	MS Strip	9.5 x 2.7	25.65	11.40	15.0	444.44	584.80	0.70	35.00

Note: Please always confirm the results on web www.uet-civil.edu.pk

Mehmood Iqbal Asghar Cheema

Test Performed By:

Dr. /Engr. Asad Ali Gillani

RE Metroplan-Asian JV, Lahore.(Re-Const Of Old P&D Building-Tower A)

Client Reference: MetroplanAsian-JV/(Old P&D)/Tower-A/RE-33

SOM Lab

Ref: 1761 (Page-1/1)

Dated: 10-09-2025

Dated: 12-09-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Aziz Steel)

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.699	8	1.005	0.79	0.793	23.46	37.98	65480	65240	106040	105630	1.20	8.0	15.0	
2	2.688	8	1.003	0.79	0.790	23.34	37.94	65170	65170	105920	105920	1.10	8.0	13.8	
3	1.511	6	0.752	0.44	0.444	12.79	20.05	64130	63550	100500	99600	1.30	8.0	16.3	
4	1.510	6	0.752	0.44	0.444	12.64	20.18	63360	62790	101170	100260	1.10	8.0	13.8	
5	0.674	4	0.502	0.20	0.198	6.12	9.48	67450	68130	104540	105600	1.20	8.0	15.0	
6	0.671	4	0.501	0.20	0.197	6.88	9.63	75880	77030	106230	107840	1.10	8.0	13.8	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine Samples Received and Tested
# 6	Sample bend through 180 degrees Satisfactorily without any crack	
# 4	Sample bend through 180 degrees Satisfactorily without any crack	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Asghar Ali, Honorary Secretary

Test Performed By: Dr. /Engr. Asad Ali Gillani

Chenab Club Faisalabad.(Const Of Gate Ways and B/wall Chenab Club II FIEDMC)

Client Reference: CC/4016/32/25

SOM Lab

Ref: 1762 (Page-1/1)

Dated: 05-09-2025

Dated: 12-09-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (FF Steel)

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.578	8	0.982	0.79	0.758	22.09	30.84	61670	64270	86090	89720	1.30	8.0	16.3	
2	2.575	8	0.982	0.79	0.757	22.12	30.99	61760	64450	86510	90280	1.40	8.0	17.5	
3	1.530	6	0.757	0.44	0.450	15.26	19.62	76490	74790	98360	96170	1.30	8.0	16.3	
4	1.544	6	0.760	0.44	0.454	15.44	19.78	77410	75020	99130	96070	1.20	8.0	15.0	
5	0.666	4	0.500	0.20	0.196	6.44	8.58	71040	72490	94650	96580	1.40	8.0	17.5	
6	0.665	4	0.498	0.20	0.195	6.42	8.61	70820	72640	94990	97420	1.30	8.0	16.3	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine Samples Received and Tested
# 6	Sample bend through 180 degrees Satisfactorily without any crack	
# 4	Sample bend through 180 degrees Satisfactorily without any crack	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Engr.Ahmad Hussain Shah

Test Performed By:

Dr. /Engr. Asad Ali Gillani

RE New Vision Engg Consult.(Const Of Auditorium Building at University of Child Health Science, Lahore)

Client Reference: NEWVISION/UCHS/AUD/023

SOM Lab Ref: 1763 (Page-1/1)

Dated: 12-09-2025

Dated: 12-09-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Aziz Steel)

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.602	8	0.987	0.79	0.765	23.96	32.26	66880	69060	90070	93010	1.40	8.0	17.5	
2	2.605	8	0.988	0.79	0.766	24.87	32.72	69440	71620	91350	94210	1.30	8.0	16.3	
3	1.466	6	0.741	0.44	0.431	13.66	18.71	68470	69900	93760	95720	1.40	8.0	17.5	
4	1.470	6	0.742	0.44	0.432	13.66	18.45	68470	69740	92480	94200	1.20	8.0	15.0	
5	0.659	4	0.497	0.20	0.194	6.07	9.23	66890	68950	101730	104880	1.10	8.0	13.8	
6	0.660	4	0.497	0.20	0.194	6.42	8.48	70820	73010	93530	96420	1.40	8.0	17.5	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine Samples Received and Tested
# 6	Sample bend through 180 degrees Satisfactorily without any crack	
# 4	Sample bend through 180 degrees Satisfactorily without any crack	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk